



Gwinnett Composite Squadron Mission Packet



Monday, April 27, 2009

The FAA has reported a Cessna 152 missing from its VFR flight plan. The student pilot was inroute from ??? to the Gwinnett County airport in Lawrenceville, Georgia (LZU). The aircraft, tail number N##### is green with white strips. Local radar data shows the aircraft in the vicinity of the destinaion airport (LZU). The following areas should be searched.

Route/Grid Search

Target Description

Grid Search using the following GPS turn points

Location					
Latitude	Longitude	VOR	Frequency	Radial	DME
N/A	N/A	N/A	N/A	N/A	N/A

Mission Description

LZU --- N 33 58 68 / W 83 57.74
IP ----- N 33 59.68 / W 83 48.90
WP-1 - N 33 55.59 / W 83 40.95
WP-2 - N 33 54.72 / W 83 41.53
WP-3 - N 33 58.36 / W 83 49.48
WP-4 - N 33 57.49 / W 83 50.07
WP-5 - N 33 53.85 / W 83 42.12
WP-6 - N 33 52.97 / W 83 42.70
WP-7 - N 33 56.62 / W 83 50.65
WP-8 - N 33 55.74 / W 83 51.23
WP-9 - N 33 52.09 / W 83 43.29

Crew Duties

The duties of the aircrew will be as follows;

Before Airborne: The aircrew should assemble and brief among themselves. The topic of the brief should be safety and the responsibilities and duties of each crewmember. The safe and successful operation of the aircraft and the mission is dependent on the aircrew working together.

Mission Pilot: Enter the established turnpoints into the aircrafts navigation instruments. Fly the mission as planned. Maneuver the aircraft so the Scanner will have sufficient opportunity to evaluate the target area. Once the mission attached to this target has been accomplished, the pilot will either fly direct to the next target, or return to base. If returning to base, the pilot will maintain the lowest possible search altitude as outlined in CAPR-60-1; all navigation equipment will be shut down before committing to a base heading.

Observer: Will assist both the Pilot and Observer, and be responsible for monitoring and making any mandatory FM/CAP Radio calls. Be prepared to report all findings and the estimated condition of the target to Mission Base while airborne.

Scanner: Will be responsible for the search objective by providing the information the tasking has asked for, and photographing the target as outlined above.

GPS Turn Points

